ACF Emergency Medicine in conjunction with The University of Manchester

Post availability

There is 1 post available in either of the following specialties;

- Emergency Medicine

- Neurosurgery

- Vascular surgery

Overview

You can find generic information about Academic Clinical Fellowships in the North West plus links to the National Institute for Health Research's guidance via https://www.nwpgmd.nhs.uk/nihr-academic-clinical-fellowships-glance

Manchester is at the forefront of academic training in acute care nationally, with four professors of Emergency Medicine working across the entire patient journey - from prehospital diagnostics to novel interventions in the critically ill. Academics in the region include past professors of the Royal College of Emergency Medicine, the current college Dean and international leaders in cardiovascular, venous thromboembolism, traumatic brain injury and global health research.

Academic Training

We design, lead and deliver multiple NIHR funded randomised controlled trials, offering opportunity to engage directly with practice changing research in emergency care. We also collaborate across the spectrum of translational research alongside colleagues in the Manchester NIHR Biomedical Research Centre, the largest BRC outside South East England. Our region also hosts the current editor in chief of the Emergency Medicine Journal and a NIHR Healthtech Research Centre in Emergency and Acute Care. An example of specific local interests and current academic portfolio at one of our trusts can be found here.

Academic Clinical Fellows aligned with the region will have access to expertise in a broad range of research methods including clinical trial design, evidence synthesis, clinical epidemiology, diagnostic test accuracy, the development and evaluation of clinical prediction models and complex interventions, qualitative research methods ranging from semi-structured interviews to focus groups, analysis of documentary evidence and ethnography. Manchester offers excellent

support for biostatistics, health economics and data science. Fellows will be supported to undertake a clinical or laboratory-based research project to produce data towards a compelling PhD proposal, tailored to specific academic/clinical interests with world-class scientific supervision.

Research Areas / Research Environment

We undertake clinical research across the prehospital sector and multiple teaching hospitals, consistently rating as one of the highest delivering areas in the country for acute care research. Greater Manchester was in the top 3 regions for delivery to the NIHR portfolio for Trauma/Emergency Care and Critical Care research in 2026. Our key themes of interest include the diagnosis and management of traumatic brain injury, prevention of venous thromboembolic disease, cardiovascular diagnostics and the study of global health.

Our region provides opportunity to work with paediatric and adult major trauma centres, a medically staffed North West Air Ambulance service and the National Major Trauma Registry (NMTR). There are opportunities for fellows to work with NMTR analysts to improve our understanding of trauma epidemiology, to develop prediction models or to inform the design of future prospective clinical trials. The University of Manchester also hosts the Humanitarian and Conflict Response Institute (HCRI), led by Professor Lecky. Founded in 2008, the HCRI has vast international experience, for example leading the UK response to Ebola and founding the Global Emergency Care Collaborative (GECCO).

Research Facilities

Manchester University NHS Foundation Trust boasts the largest clinical academic campus in Europe. Its collaboration with Bruntwood SciTech has led to the development of the CityLabs initiative, Manchester Science Partnerships and the development of a £1.5 billion innovation district.

The NIHR Manchester Biomedical Research Centre is the largest outside the south-east of England (£64.1m). Its Integrative Cardiovascular Medicine theme includes a research programme dedicated to the emergency diagnosis of acute coronary syndromes, led by Professor Body. ACFs working in alignment with BRC research will be able to take opportunities to enhance their research, for example via pump-priming grant applications; to complete the Innovator Training Scheme; and to register as a BRC early career researcher to stay informed about emerging opportunities. Access to the NIHR BRC and clinical sciences buildings across sites support discovery science and translational research. Fellows will be able to access to the world class FBMH/University of Manchester core facilities (Bioimaging, Bioinformatics, DNA sequencing, Genomic Technologies, Histology, Protein Expression and Transgenic Technologies) alongside provision of training in specific techniques or methodologies.

Clinical Training

The North West Emergency Medicine training programme provides experience at several major teaching hospitals in Manchester (Manchester University NHS Foundation Trust, Salford Royal and Royal Manchester Children's Hospital) and broader experience across the region. Rotational training provides excellent experience of the city-wide major trauma pathway, with additional exposure to centres with neuroscience, interventional radiology and vascular expertise. Our trauma service is supported by a dedicated prehospital emergency medical team, led by consultants with helicopter transfer training.

Our teaching hospitals offer experience in 24/7 consultant delivered major trauma care and resuscitation. Manchester University NHS Foundation Trust is the largest NHS trust in the country and includes ten hospitals with two major trauma centres (adults and children) and the largest children's hospital in Europe. The Northern Care Alliance includes four hospitals with Salford as one of the largest Major Trauma and Neuroscience centres in the country. Our region provides access to specialty expertise and engagement for all elements of the acute care pathway and offers unparalleled opportunity to work in a variety of emergency departments alongside national academic and clinical field leaders.

Our academic team have extensive experience of implementation work, including multiple roles as topic expert, committee chair and theme lead for the National Institute for Health and Care Excellence (NICE). We also lead the highly successful St Emlyn's online programme of free open access medical education. Over 1.5 million users from >200 countries have accessed learning materials from 2021 to date, including 2.3 million online article views, and we are consistently rated within the top 10 worldwide emergency medicine online resources by Digital Impact Factor rankings. Previous fellows have written and reviewed articles for this platform, developing skills in analytical writing.

The programme is focussed on providing high-quality training in all areas of emergency medicine. There are further unique opportunities for training within the North West Deanery aligned to regional interests, such as sport and exercise medicine, critical care, prehospital and paediatric emergency medicine. Our trainees are also supported to participate in the Trainee Emergency Research Network (TERN). We have extensive experience of leading this network, from inception and during recruitment of >20,000 participants in the last 5 years.

You can find out more about the clinical training programmes in the North West via the following link - nwpgmd.nhs.uk/Specialty_Schools. Clinical person specifications can be found via the following link - Person Specifications | Medical Hub

Useful Links
https://www.oriel.nhs.uk/Web/Vacancies
https://www.nwpgmd.nhs.uk/nihr-academic-clinical-fellowships-glance

https://medical.hee.nhs.uk/medical-training-recruitment/medical-specialty-training/person-specifications/person-specifications-2025
https://www.nwpgmd.nhs.uk/specialty-schools
https://www.stemlynsblog.org

Last reviewed: [September 2026]